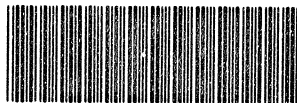




FYI-94-000999  
INIT 07/14/94



84948000099

January 12, 1984

Shell Oil Company



One Shell Plaza  
P.O. Box 4320  
Houston, Texas 77210

**FYI-0794-000999**

**Contains No CBI**

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OPPT CBI

Mr. Martin Greif  
Executive Secretary  
TSCA Interagency Testing Committee  
Environmental Protection Agency (TS-792)  
401 M Street, SW  
Washington, D.C. 20460

Dear Mr. Greif:

This letter is in response to your letter request for information on four of the chemicals identified in your Federal Register notice of November 9, 1983. Our response for each chemical follows.

2-methyl 1,3-butadiene [78-79-5]. Syn: isoprene

Shell collects a C<sub>5</sub> fraction from its various olefin units and sends this material to a toll converter who extracts isoprene and returns a percentage to Shell. Shell completely consumes this isoprene in the production of two polymer product lines under the trade names KRATON® thermoplastic rubbers and SHELLVIS® lubricating oil additives. Production volumes are submitted separately under Confidential Business Information. A review of our files for proprietary reports on health and safety information indicates that we have nothing germane to your interests. However, we are also submitting our Material Safety Data Sheets on both isoprene and isoprene concentrate.

Allyl alcohol [107-18-6]

Shell has not produced allyl alcohol for several years. When produced, it was used in the agricultural business. Although several proprietary reports are available, they predate 1958. We believe these reports are superseded by more recent studies.

di-tert-butyl-peroxide [110-05-04]

Shell ceased production of di-tert-butyl peroxide (DTBP) in late 1982 and sold all inventory by early 1983. A review of our files for proprietary literature indicates that we have nothing substantial to contribute.

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Tetrahydrothiophene-1,1-dioxide [126-33-0], Syn: sulfolane

Production volumes by Shell are submitted separately as Confidential Business Information. Attached is a technical bulletin on sulfolane which includes end use information. It is estimated that of Shell's sulfolane production, 65-70% is used for Benzene/Toluene/Xylene extraction from paraffins, 25-30% in the manufacture of sulfinol, and approximately 5% to other end uses. We are also enclosing our Material Safety Data Sheet and several proprietary reports which we trust will be helpful.

Please advise if we may be of further assistance.

Very truly yours,



J. P. Sepesi, Manager  
Product Safety & Compliance  
Oil & Chemical Products, HS&ES

HH/rab

Attachments

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